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| 09/988,356 | 11/19/2001 | Tuomo Syvanne | P 284125 2011373US/A/kp | 8355 |

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| EXAMINER |
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BROWN, CHRISTOPHER J

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| ART UNIT | PAPER NUMBER |
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2134

| SHORTENED STATUTORY PERIOD OF RESPONSE | MAIL DATE | DELIVERY MODE |
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| 3 MONTHS | 02/21/2007 | PAPER |

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

09/988,356

Applicant(s)

SYVANNE, TUOMO

Examiner

Christopher J. Brown

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 November 2006.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5,8-12,14 and 16-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5,8-12,14 and 16-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119


- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
- Paper No(s)/Mail Date _____

- 4) ☐ Interview Summary (PTO-413)
- Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____


KAMBIZ ZAND
PRIMARY EXAMINER
TECHNOLOGY CENTER 2100

DETAILED ACTION

The Request for Continued Examination has been accepted and entered.

Response to Arguments

Applicant's arguments filed 11/26/06 with respect to claims 1, 9, 12, 14, 16, 18 and 20 have been considered but are moot in view of the new ground(s) of rejection in view of Freund 2003/0055962

Applicant's arguments filed 11/26/06 have been fully considered but they are not persuasive. Applicant's argues determining a current location based "solely" on the IP address. This argument is not persuasive because the examiner cannot find support in the instant specification for the negative limitation. If there is support in the instant specification the examiner would encourage the applicant to include it their response.

Claim Objections

Claim 1 is objected to because of the following informalities: the examiner believes "network" on line 13 should be "network". Appropriate correction is required.

Claim Rejections - 35 USC § 112

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it

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pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claim 1 is rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention. Claims 1, 9, 12, 14, 16, 18, and 20 are rejected for containing the negative limitation “solely”. The examiner invites the applicant to specify in the instant specification support for this limitation. The examiner notes several places that mention “IP address”, but no specific location where it is stated that only, or solely the IP address is used.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-5, 8, 10, 12, and 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Freund US 2003/0167405. in view of Freund US 2003/0055962.

As per claims 1, 12, and 14, Freund ‘405 teaches the ability to detect when a client is connected to different networks, and using different security settings depending on the network [0073]. Freund ‘405 teaches determining the network the client is connected to

in part by detecting the IP address, [0078], [0088]. Freund '405 teaches gathering identification data from a predetermined network element [0087]. Freund '405 teaches the firewall determining between a trusted and untrusted network, [0097]. Freund '405 teaches providing the client with different rules, and enabling the rules depending on location, [0074]. Freund '405 does not specifically teach connecting to a network to obtain information.

Freund '962 teaches connecting to a network and sending a request to a predetermined network element [0092], [0125]. Freund '962 teaches the predetermined network element sends a response with the required data to verify the current location [0127]. It is inherent that the predetermined network element (router) will only be able to respond if the client is attached to that particular network. Freund '962 teaches selecting different rules based on set groups or zones.

It would have been obvious to one of ordinary skill in the art to use the firewall of Freund '405 with the predetermined network element verification of Freund '962 in order to confirm the security rules for the firewall.

As per claim 2, Freund '405 teaches providing the client with different rules, and enabling the rules depending on location, [0074].

As per claim 3, Freund '405 teaches using one set of rules by changing groups [0080].

As per claim 4, and 5 Freund '405 teaches storing the IP address off the home network and determining if the firewall is in said home network [0142], [0078], [0099].

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As per claim 8 Freund '405 teaches that the networks element responds when client is in the network of the current IP, and verifies this information also with a MAC address, [0078].

As per claim 10, Freund '405 teaches that the user defines the networks in a trusted zone, and that when the mobile computer moves in from network to network, it queries the new network in the trusted zone,[0073], [0078].

Claims 9, 16, 17, and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Freund US 2003/0167405 in view of Freund US 2003/0055962 in view of Schneier US 2002/0087882.

As per claims 9, 16, 17, and 19, Freund '405 teaches the ability to detect when a client is connected to different networks, and using different security settings depending on the network [0073]. Freund '405 teaches determining the network the client is connected to in part by detecting the IP address, [0078], [0088 Freund '405 teaches gathering identification data from a predetermined network element [0087]. Freund '405 teaches the firewall determining between a trusted and untrusted network, [0097]. Freund '405 teaches providing the client with different rules, and enabling the rules depending on location, [0074]. Freund '405 does not specifically teach connecting to a network to obtain information.

Freund '405 does not teach updating the firewall rules via a centralized unit.

Freund '962 teaches connecting to a network and sending a request to a predetermined network element [0092], [0125]. Freund '962 teaches the predetermined network element sends a response with the required data to verify the current location[0127]. It is

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inherent that the predetermined network element (router) will only be able to respond if the client is attached to that particular network. Freund '962 teaches selecting different rules based on set groups or zones.

It would have been obvious to one of ordinary skill in the art to use the firewall of Freund '405 with the predetermined network element verification of Freund '962 in order to confirm the security rules for the firewall.

Schneier teaches a centralized unit manages updates to software including updates to firewall software, [0037].

It would have been obvious to one of ordinary skill in the art to combine the firewall system of Freund '405 with the central firewall update system of Schneier because the central system allows all clients on the trusted system to maintain the same security policy.

Claims 11, 18, and 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over by Freund US 2003/0167405 in view of Sheikh US 2002/0078382

As per claims 11, 18, and 20

Freund '405 teaches the ability to detect when a client is connected to different networks, and using different security settings depending on the network [0073]. Freund '405 teaches determining the network the client is connected to in part by detecting the IP address, [0078], [0088]. Freund '405 teaches gathering identification data from a predetermined network element [0087]. Freund '405 teaches the firewall determining

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between a trusted and untrusted network, [0097]. Freund '405 teaches providing the client with different rules, and enabling the rules depending on location, [0074]. Freund '405 does not specifically teach connecting to a network to obtain information.

Freund '405 does not teach updating the firewall rules via a centralized unit. Freund '405 teaches maintaining a log, [0141]. Freund '405 does not teach updating a centralized log server with collected logs of the firewall.

Freund '962 teaches connecting to a network and sending a request to a predetermined network element [0092], [0125]. Freund '962 teaches the predetermined network element sends a response with the required data to verify the current location[0127]. It is inherent that the predetermined network element (router) will only be able to respond if the client is attached to that particular network. Freund '962 teaches selecting different rules based on set groups or zones.

It would have been obvious to one of ordinary skill in the art to use the firewall of Freund '405 with the predetermined network element verification of Freund '962 in order to confirm the security rules for the firewall.

Sheikh teaches gathering logs from a firewall and transporting them and archiving them in a central server, [0082].

It would have been obvious to one of ordinary skill in the art to use the logs of Freund '405 in the central server of Sheikh so that the network wide logs could be inspected and analyzed.

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Conclusion


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher J. Brown whose telephone number is (571)272-3833. The examiner can normally be reached on 8:30-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kambiz Zand can be reached on (571)272-3811. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Christopher J. Brown

2/14/07



KAMBIZ ZAND
PRIMARY EXAMINER
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